



west virginia department of environmental protection

Division of Air Quality
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Earl Ray Tomblin, Governor
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MEMORANDUM

To: Beverly McKeone
From: Jonathan Carney
Date: January 9, 2017
Subject: SWN Production Company, LLC – CHK APP A
Natural Gas Production facility,
Wetzel County, WV
ID #: 103-00119
APP #: PD16-069

BACKGROUND INFORMATION:

SWN Production Company, LLC (SWN) is an oil and natural gas production facility. The well pad consists of six (6) natural gas wells, six (6) gas production units (GPUs) and associated heaters, one (1) heater treater.

Produced water is sent to three (3) - 400 bbl Produced Water Storage Tanks and a produced water truck loadout.

Condensate flows to three (3) – 400 bbl Condensate Storage Tanks and a Condensate truck loadout.

SWN estimates that the potential and actual emissions from the facility will not exceed the WV 45 CSR13 permitting thresholds. The emissions estimates for the facility are as follows:

<u>Pollutant</u>	<u>lbs/hr</u>	<u>tpy</u>	<u>lb/day</u>
PM	0.05	0.24	1.31
PM10	0.05	0.24	1.31
VOCs	3.23	14.16	77.57
CO	0.60	2.64	14.48
NO _x	0.72	3.15	17.24
HAPs	0.21	0.90	4.93

RECOMMENDATION:

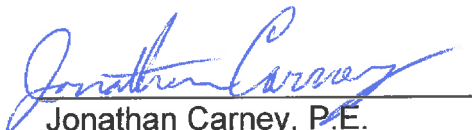
The facility is not subject to any substantive requirements.

Promoting a healthy environment.

According to the information received from the applicant, the wells were completed between March and December 2010 and the facilities were installed prior to August 23, 2011. The facilities installed prior to August 23, 2011 were not affected facilities under 40 CFR 63 Subpart OOOO at the time they were installed.

The emissions calculations provided in the application show that the facility does not have the potential to discharge more than six (6) pounds per hour and ten (10) tons per year or 144 pounds per calendar day, of any regulated air pollutant. The emissions calculations provided in the application show that the facility does not have the potential to discharge more than two (2) pounds per hour or five (5) tons per year of hazardous air pollutants. The application also shows that the facility does not have the potential to discharge any air pollutant(s) listed in Table 45-13A of 45 CSR 13 in the amounts shown in Table 45-13A or greater.

A permit is not required by this Division for this facility.


Jonathan Carney, P.E.
Engineer

January 9, 2017
Date